



Role of AFV in State Energy Assurance Plans Webinar

Jeff Pillon, NASEO – April 4, 2013

+ State & Local Energy Assurance Program

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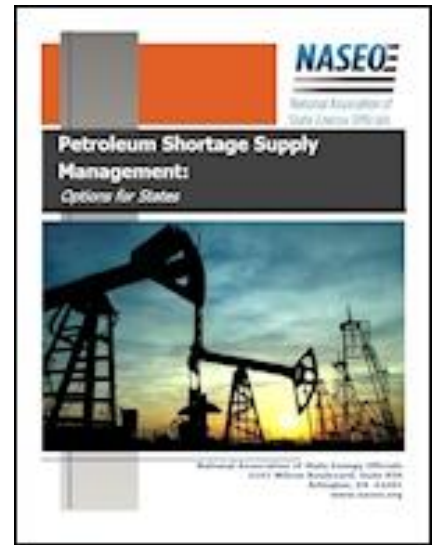
- Energy Assurance Grant Awards (issued in 2009 and 2010) to 48 States, 2 Territories, 43 Cities. The Grants were made to State Energy Offices to developing new, or refining existing, plans to integrate new energy portfolios (renewables, biofuels, etc.) and new applications, such as Smart Grid technology, into energy assurance and emergency preparedness plans.
- **Activities:**
 - Develop new or refine State Energy Assurance Plans
 - Create State-level expertise on Smart Grid systems, cyber security, interdependencies, and communications
 - Develop processes for tracking energy supply disruptions
 - Conduct energy emergency exercises
 - Revise State policies, procedures and practices
- **Benefits for States and Cities:**
 - New/updated energy assurance plans
 - Improved coordination across State agencies, among States and regions
 - Improved recovery and restoration capabilities

<http://energy.gov/oe/information-center/recovery-act/recovery-act-local-energy-assurance-planning-initiatives>

Petroleum Shortage Response Plans

Gasoline, Diesel Fuel, #2 Heating Oil, Propane, Ethanol, Biodiesel, Other

- Description, location, points of contact, capacity and throughput of petroleum Infrastructure
- Monitoring Petroleum Supply, Demand and Prices
- Managing Supply and Assuring Essential Public Needs
 - Driver Hour Waivers
 - Fuel Specification (Environmental) Waivers
 - Priority Energy Users Programs/Policies
 - State Set-aside program
 - Plans for resupply of gas stations on evacuation routes
 - Shift to alternative transportation fuels



Petroleum Shortage Response Plans

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■ Reducing Demand

- Flexible work schedules and telecommuting
- Ridesharing/vanpooling programs
- Programs to increase the use of mass transit
- Improved vehicle maintenance
- Public Information emergency conservation actions
- Home energy saving recommendations (propane, fuel oil)
- Diversification of transportation fuel mix



+ Petroleum Contingencies

Many States have the following measures in their plans

■ Supply Management

- Environmental waivers of fuel specifications- IL, MA, OR, PA
- Waivers of motor carrier safety regulation (Driver Hours) – IL, MA, MS, OR, PA
- Contracts for emergency fuel purchase and emergency fuel storage management - ID
- Priority energy user program – MA, OR
- Odd/even and min/max retail gasoline purchases – MA, OR
- State set-aside program – MS, OR, PA

■ Demand Management

- Public information programs – MA, MS, OR, PA
- Ridesharing, vanpooling increased use of mass transit – ID, MS, OR, PA
- Increased enforcement of speed limits – ID, MD
- Flex-time employer scheduling – ID, MS, OR, PA





Planning Details



1. **Program Elements**: description of the measure, what is the intent of the measure, when the measure should be used, legal authority
2. **Coordination**: role of the private and public sectors, relationship to the state's emergency management plan, affects on other jurisdictions, regional entities and the federal government , how will local governments be effected or have a role?
3. **Implementation**: estimated budget and staffing, estimated computer requirements and security, procedures, implementation lead time and administration including the roles of other state or local agencies, evaluation mechanisms
4. **Impact Assessment**: estimated demand reduction, estimated reductions in fuel consumption, estimated increase in supply, interdependency effects, social impacts, economic/financial impacts, information management, programmatic threats (for instance those associated with new or obsolescence technology)
5. **Risk Management**: historical performance and deviation of response measure (i.e. lessons from the past), define and monitor critical elements for the successful performance of the response measure, identify medium-to-long term impacts to reduce unintended consequences



Thank you!

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